

Ethanolamines/Glycol Ethers Tier Procedure

Section Number: 1327
Issue Number: 1.3
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Title: Changing Out Pressure Gauges
References: Glossary Of Equipment Identification (Text # 114)

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1327.Changing Out Pressure Gauges

1.0 Objective:

- 1.1 To perform this task in a safe and efficient manner without damage to equipment or injury to personnel.

2.0 Responsibility:

- 2.1 It is the responsibility of the operations supervisor and the senior operations specialist to ensure that this procedure is fully complied with.
- 2.2 It is the responsibility of the senior operations specialist and operations specialist to ensure that this procedure is fully executed.

3.0 Safety Notations:

- 3.1 Block safety equipment, monogoggles and gloves are required when doing this job.
- 3.2 Do not trust the pressure reading on the gauge. Always assume it has pressure on it.
- 3.3 Always be cautious of hot product that may be present.

4.0 Special Notations:

- 4.1

5.0 Procedure:

- 5.1 Block in pressure source to the gauge.
- 5.2 If a bleed valve is located downstream of the block valve, unplug the bleed valve and slowly open the valve to relieve the pressure on the gauge.
- 5.3 If no bleed valve is present, but a plug is. Slowly loosen the plug. When the plug is about half way out, wiggle the plug letting any pressure behind it escape. Be cautious of possibility of hot product being present

5.0 Procedure: Cont'd.

- 5.4 If no plug is present, follow step 1327.5.3 except use the gauge itself to relieve the pressure.
- 5.5 When pressure is relieved, remove the old gauge by turning it counter clockwise.
- 5.6 Be sure the new gauge is the correct pressure for the service, and is 316 stainless steel.
- 5.7 Properly Teflon tape the gauge and install it. Using a wrench, turn the gauge clockwise until it is tight.
- 5.8 After the gauge is tight. Replace any plugs and/or close any bleeds.
- 5.9 Slowly open the pressure source to the gauge and check for leaks. If the gauge needle shakes or vibrates excessively, replace it with a liquid filled gauge that is compatible with the product.

6.0 Revisions

Revision No. 1	04-19-93	Yearly Review
Revision No. 2	12-23-94	Yearly Review
Revision No. 3	12-29-95	Yearly Review